VSR Civil Infra Pvt. Ltd.

#552/B, 6th Main Road, Hanumantanagar, Cell : 9845230975

Bengaluru – 560 019.

Name Of Work: Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.
Contractor	: Sri. K. Gopireddy, Bangalore.
Consultant	: M/s VSR Civil Infra Pvt. Ltd.

AIV

Sample No	: 01	Date Sampled :	16-05-2020
Location	: @ PLANT	Sampled By :	PMC
Source	: Yelahanka	Date Tested :	16-05-2020
		Tested by :	PMC

Description	Trial No. 1	Trial No. 2	Trial No. 3
Weight of surface dry sample passing 12.5 mm and retained on 10 mm IS sieves, W1 (gms)	375	380	383
Weight of fraction passing 2.36 mm IS sieve, after the test, W2 (gms)	74	78	82
Weight of fraction retained on 2.36 mm IS sieve after the test, W3 (gms)	301	302	301
A.I.V. = (W2 / W1)X100	19.73	20.53	21.41
Average value of A.I.V. (%)	20.56		

Remarks:- Test Result is Conformed as per MoRTH Specification.

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Consultants representative **Client Representative**

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VSR Civil Infra Pvt. Ltd.

#552/B, 6th Main Road, Hanumantanagar, Cell : 9845230975

Bengaluru – 560 019.

Name Of Work: Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.
Contractor	: Sri. K. Gopireddy, Bangalore.
Consultant	: M/s VSR Civil Infra Pvt. Ltd.

AIV

Sample No	: 01	Date Sampled :	16-05-2020
Location	: @ PLANT	Sampled By :	PMC
Source	: Yelahanka	Date Tested :	16-05-2020
		Tested by :	PMC

Description	Trial No. 1	Trial No. 2	Trial No. 3
Weight of surface dry sample passing 12.5 mm and retained on 10 mm IS sieves, W1 (gms)	368	384	375
Weight of fraction passing 2.36 mm IS sieve, after the test, W2 (gms)	74	78	80
Weight of fraction retained on 2.36 mm IS sieve after the test, W3 (gms)	294	306	295
A.I.V. = (W2 / W1)X100	20.11	20.31	21.33
Average value of A.I.V. (%)	20.58		

Remarks:- Test Result is Conformed as per MoRTH Specification.

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#552/B, 6th Main Road, Hanumantanagar, Cell : 9845230975

Bengaluru – 560 019.

Name Of Work: Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.
Contractor	: Sri. K. Gopireddy, Bangalore.
Consultant	: M/s VSR Civil Infra Pvt. Ltd.

AIV

Sample No	: 01	Date Sampled :	16-05-2020
Location	: @ PLANT	Sampled By :	PMC
Source	: Yelahanka	Date Tested :	16-05-2020
		Tested by :	PMC

Description	Trial No. 1	Trial No. 2	Trial No. 3
Weight of surface dry sample passing 12.5 mm and retained on 10 mm IS sieves, W1 (gms)	365	369	374
Weight of fraction passing 2.36 mm IS sieve, after the test, W2 (gms)	70	75	80
Weight of fraction retained on 2.36 mm IS sieve after the test, W3 (gms)	295	294	294
A.I.V. = (W2 / W1)X100	19.18	20.33	21.39
Average value of A.I.V. (%)	20.30		

Remarks:- Test Result is Conformed as per MoRTH Specification.

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Bengaluru-560019.

Date: 06.06.2020

TEST REPORT

CLIENT	:	**Executive Engineer**, Project Division, Yelahanka Zone, BBMP, Bangalore.
CONTRACTOR	:	**Sri. K. Gopireddy,** Bangalore.
NAME OF THE WORK	:	Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.
SAMPLE ID	:	Cement (ACC) OPC 53 Grade
DATE OF MANUFACTURE	:	May - 2020
DATE OF TESTING	:	04.06.2020 to 06.06.2020
SAMPLES SUPPLIED BY	:	AGENCY

The results of the tests conducted on the cement sample are as follows:

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 12269-1987
1	a) Initial Setting Time	IS-4031 (Part -5)	140 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part -5)	450 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00 %	-

⇒ Remarks: Test result is confirmed as per MORTH specification.

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TEST REPORT ON STRUCTURAL STEEL

Client	**Executive Engineer, Project Division,** Yelahanka Zone, BBMP, Bangalore.
Agency	**Sri. K. Gopireddy,** Bangalore.
Name of work	**Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.**
Date	25-07-2020
Samples ID	Samples Supplied By Agency
Specimen Size	65X65X6mm L Angles (1m Length)

Sl.No	Description	Result
1	Thickness	6.15 mm
2	Width	65.3 mm
3	Weight / Meter	5.651 Kg

Remarks: Test result is confirmed as per MORTH specification.

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TEST REPORT ON STRUCTURAL STEEL

Client	**Executive Engineer, Project Division,** Yelahanka Zone, BBMP, Bangalore.
Agency	**Sri. K. Gopireddy,** Bangalore.
Name of work	**Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.**
Date	25-07-2020
Samples ID	Samples Supplied By Agency
Specimen Size	25x25x4mm L Angles (1m Length)

Sl.No	Description	Result
1	Thickness	4.16 mm
2	Width	25.23 mm
3	Weight / Meter	1.46 Kg

Remarks: Test result is confirmed as per MORTH specification.

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TEST REPORT ON SOLID CONCRETE BLOCKS

Client : **Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**

Agency : **Sri. K. Gopireddy, Bangalore.**

Name of the Work : Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Date of Testing :06.12.2020

Size of Blocks : 400mm x 200mm x 200mm

Cross Sectional Ar :80000 mm^2

Technical Referenc : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (KN)	Compressive strength (N/mm^2)	Block Density (Kg/m3)	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	33.2	419.6	5.25	2075.00	
2	Block 2	32.4	422.4	5.28	2025.00	
3	Block 3	33.6	424.3	5.30	2100.00	
4	Block 4	34.1	420.8	5.26	2131.25	Minimum required Compressive Strength of Individual Units 5.00 N/mm^2
5	Block 5	33.8	425.3	5.32	2112.50	
6	Block 6	34.6	423.5	5.29	2162.50	
7	Block 7	34.2	421.6	5.27	2137.50	
8	Block 8	32.5	426.3	5.33	2031.25	

Remarks: Test result is confirmed as per MORTH specification.

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**		
Contractor	**: Sri. K. Gopireddy, Bangalore.**		
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**		
Location	:@ Site	**Age of the Cube**	: 7 Days
Part of the Structure	: Park	**Date of Casting**	05-07-2020
Grade of Concrete	M-20	**Date of Testing**	12-07-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8050	15*15*15	3375	225	385	17.11	17.23
2	B	8110	15*15*15	3375	225	387	17.20	
3	C	8115	15*15*15	3375	225	391	17.38	
4								
5								
6								

Average Strength= 17.23 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy,** Bangalore.
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	: 28 Days
Part of the Structure	: Park	**Date of Casting**	05-07-2020
Grade of Concrete	M-20	**Date of Testing**	02-08-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8000	15*15*15	3375	225	515	22.89	23.02
2	B	8110	15*15*15	3375	225	518	23.02	
3	C	8160	15*15*15	3375	225	521	23.16	
4								
5								
6								

Average Strength= 23.02 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy, Bangalore.**
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	: 7 Days
Part of the Structure	: Park	**Date of Casting**	05-07-2020
Grade of Concrete	M-20	**Date of Testing**	12-07-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8075	15*15*15	3375	225	381	16.93	17.14
2	B	8120	15*15*15	3375	225	384	17.07	
3	C	8240	15*15*15	3375	225	392	17.42	
4								
5								
6								

Average Strength= 17.14 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy,** Bangalore.
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	: 28 Days
Part of the Structure	: Park	**Date of Casting**	05-07-2020
Grade of Concrete	M-20	**Date of Testing**	02-08-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8010	15*15*15	3375	225	522	23.20	23.41
2	B	8100	15*15*15	3375	225	526	23.38	
3	C	8200	15*15*15	3375	225	532	23.64	
4								
5								
6								

Average Strength= 23.41 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone,** BBMP, Bangalore.		
Contractor	**: Sri. K. Gopireddy,** Bangalore.		
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**		
Location	:@ Site	**Age of the Cube**	: 7 Days
Part of the Structure	: Footing	**Date of Casting**	05-11-2020
Grade of Concrete	M-20	**Date of Testing**	12-11-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8100	15*15*15	3375	225	382	16.98	17.30
2	B	8200	15*15*15	3375	225	390	17.33	
3	C	8300	15*15*15	3375	225	396	17.60	
4								
5								
6								

Average Strength= 17.30 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy, Bangalore.**
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	: 28 Days
Part of the Structure	: Footing	**Date of Casting**	05-11-2020
Grade of Concrete	M-20	**Date of Testing**	03-12-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	**A**	8120	15*15*15	3375	225	520	23.11	
2	**B**	8165	15*15*15	3375	225	527	23.42	23.44
3	**C**	8215	15*15*15	3375	225	535	23.78	
4								
5								
6								

Average Strength= 23.44 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Bengaluru-560019

Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy, Bangalore.**
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	: 7 Days
Part of the Structure	: Footing	**Date of Casting**	05-11-2020
Grade of Concrete	M-20	**Date of Testing**	12-11-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8080	15*15*15	3375	225	396	17.60	17.45
2	B	8145	15*15*15	3375	225	388	17.24	
3	C	8210	15*15*15	3375	225	394	17.51	
4								
5								
6								

Average Strength= 17.45 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Bengaluru-560019

Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy, Bangalore.**
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	:28 Days
Part of the Structure	: Footing	**Date of Casting**	05-11-2020
Grade of Concrete	M-20	**Date of Testing**	03-12-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8130	15*15*15	3375	225	520	23.11	23.36
2	B	8185	15*15*15	3375	225	526	23.38	
3	C	8245	15*15*15	3375	225	531	23.60	
4								
5								
6								

Average Strength= 23.36 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**		
Contractor	**: Sri. K. Gopireddy, Bangalore.**		
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**		
Location	:@ Site	**Age of the Cube**	: 7 Days
Part of the Structure	:Plinth Beam	**Date of Casting**	10-12-2020
Grade of Concrete	: M-20	**Date of Testing**	17-12-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8010	15*15*15	3375	225	381	16.93	17.16
2	B	8035	15*15*15	3375	225	386	17.16	
3	C	8120	15*15*15	3375	225	391	17.38	
4								
5								
6								

Average Strength= 17.16 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy,** Bangalore.
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site		
Part of the Structure	:Plinth Beam	**Age of the Cube**	: 28 Days
Grade of Concrete	: M-20	**Date of Casting**	10-12-2020
		Date of Testing	07-01-2021

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8045	15*15*15	3375	225	515	22.89	23.11
2	B	8120	15*15*15	3375	225	520	23.11	
3	C	8226	15*15*15	3375	225	525	23.33	
4								
5								
6								

Average Strength= 23.11 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Bengaluru-560019

Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy, Bangalore.**
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**
Location	:@ Site
Part of the Structure	:Plinth Beam
Grade of Concrete	: M-20
Age of the Cube	: 7 Days
Date of Casting	10-12-2020
Date of Testing	17-12-2020

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8040	15*15*15	3375	225	385	17.11	17.33
2	B	8150	15*15*15	3375	225	390	17.33	
3	C	8280	15*15*15	3375	225	395	17.56	
4								
5								
6								

Average Strength= 17.33 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**		
Contractor	**: Sri. K. Gopireddy, Bangalore.**		
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**		
Location	:@ Site	**Age of the Cube**	: 28 Days
Part of the Structure	:Plinth Beam	**Date of Casting**	10-12-2020
Grade of Concrete	: M-20	**Date of Testing**	07-01-2021

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8000	15*15*15	3375	225	518	23.02	23.30
2	B	8100	15*15*15	3375	225	521	23.16	
3	C	8200	15*15*15	3375	225	534	23.73	
4								
5								
6								

Average Strength= 23.30 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

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Consultants representative **Contractror Representative** **Client Representative**

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VSR CIVIL INFRA PVT.LTD.
#552/B, 6th Main Road, Hanumanthanagara
Bengaluru-560019

Name Of TheWork:Development of Parks and construction of Toilets at B Sector Parks in Ward No 04 Yalahanka New Town.

Client	**: Executive Engineer, Project Division, Yelahanka Zone, BBMP, Bangalore.**
Contractor	**: Sri. K. Gopireddy,** Bangalore.
Consultant	**: M/s VSR CIVIL INFRA PVT.LTD.**

Location	:@ Site	**Age of the Cube**	: 7 Days
Part of the Structure	: Sump	**Date of Casting**	18-02-2021
Grade of Concrete	: M-20	**Date of Testing**	25-02-2021

S.No	Cube No.	Weight of the Cube (g)	Size of the cube (cm x cm xcm)	Vol.of the cube (cm^3)	Test area (cm^2)	Failure Load (kN)	Compressive Strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	A	8055	15*15*15	3375	225	385	17.11	17.29
2	B	8135	15*15*15	3375	225	388	17.24	
3	C	8210	15*15*15	3375	225	394	17.51	
4								
5								
6								

Average Strength= 17.29 N/mm^2

Remarks:- Test Result is Confirmed as per MORTH Specification

VSR CIVIL INFRA PVT. LTD. BANGALORE

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